



MATCHED MECHANISM'S ID NEED TO AVOID INTERFERENCE WITH TERMINAL WHEN PLUG IN

RECOMMENDED LOADING TEST PANEL'S ID

PLUG

SCHEMATIC

DATE CODE:

RECOMMENDED PCB LAYOUT

RECOMMENDED PLUG

RECOMMENDED PLUG

RECOMMENDED PLUG

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
 - 1-1. RATING: 12V 1A
 - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE: 0.5~2.2kgf AFTER THE FIFTH TIME; 0.4~2.2kgf AFTER LIFE TEST;
 - 2-2. WITHDRAWAL FORCE: 0.5~2.0kgf AFTER THE FIFTH TIME; 0.4~2.0kgf AFTER LIFE TEST;
3. LIFE TEST: 5,000 CYCLES MIN.
4. PACKAGING : TAPE & REEL.
5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
6. OTHER GENERAL SPEC TO REFER "AUDIO JACK FOR ASUS SPEC"
7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
8. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT;
9. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING;
10. FOR LEAD-FREE PROCESS.
11. PRINTED DATE CODE "WMD-" ON TOP OF CONNECTOR.
12. OVERLOADING FORCE < 4KGF

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	PA41(TX1) UL 94V-0	BLACK
B	EARTH	1	C5210-EH 0.2t	
C	RING B	1	C5210-EH 0.2t	
D	RING A	1	C5210-EH 0.2t	
E	TIP SPRING	1	SUS304-1/2H 0.2t	
F	MAKE TERMINAL	1	C5210-EH 0.2t	GOLD FLASH ON CONTACT AREA, GOLD FLASH ON SOLDER AREA, ALL OVER 50μ" Ni.
G	TRANSFER TERMINAL	1	C5210-EH 0.2t	
H	SEPARATOR	1	LCP E130i UL 94V-0	BLACK
J	SHELL	1	SUS304-1/2H 0.2t	Ni: 60μ"Min.

DECIMALS:	ANGLES:
X :±0.5	X :±2°
X.X :±0.3	X.X :±1°
X.XX :±0.2	

TITLE	3.5Φ AUDIO JACK
DWN Peng	PART NO.2S13160-010111F
CHKD Bruce	SCALE 4:1 UNIT: mm
APVD lloo	SIZE: A3 SHEET:1 OF 1 REV: A

Singatron Enterprise Co., Ltd.
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